

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Mats LEIJON et al.

Serial No.: 08/973,306

Filed: April 10, 1998

A ROTATING ASYNCHRONOUS
CONVERTER AND A GENERATOR DEVICE

PATENT

Group: 2838

Examiner: S. Riley

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TECHNOLOGY CENTER 2800

Washington, D.C.
August 15, 2000

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated May 15, 2000, please amend the above-identified application as follows

IN THE DRAWINGS:

It is proposed to amend Figs. 1, 2, 4 and 5 in accordance with the attached marked prints.

IN THE CLAIMS:

Please amend the claims as follows:

Claim 1. (Twice Amended) A rotating asynchronous high voltage converter for connection to AC networks with equal or different frequencies, wherein the converter comprises a first stator connected to a first AC network with a first frequency f1, and a second stator connected to a second AC network with a second frequency f2, wherein the converter comprises a rotor which rotates in dependence of the first and second frequencies f1, f2, and wherein at least one of said stators includes at least one winding forming at least one uninterrupted turn, said winding including a current-carrying conductor and a magnetically permeable, electric field confining insulating covering surrounding the conductor, including an inner layer having semiconducting properties being in electrical contact with the conductor, an insulating layer surrounding the inner layer being in intimate contact therewith, and an outer layer having semiconducting properties surrounding the insulating layer and being in intimate contact therewith.

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